## **REMARKS**

In response to the Office Action, Claims 1, 3, 6 and 8 are amended. Claims 1-10 remain in the Application. Reconsideration of the pending claims is respectfully requested in view of the above amendment and the following remarks.

## I. Claims Rejected Under 35 U.S.C. §103

A. Claims 1-4 and 6-9 stand rejected under 35 U.S.C. §103(a) as being unpatentable over the combination of U.S. Patent 5,359,730 to Marron ("Marron," previously cited) in view of U.S. Publication 20040015905 of Huima ("Huima").

Applicants amend independent Claims 1 and 6 to include the elements of:

- "b) setting a first global variable when changing the replica of the current intrusion detection rule into a new intrusion detection rule....;
- b1) setting a second global variable and resetting the first global variable after the replica is changed....; and
- c) resetting the second global variable when exchanging the current intrusion detection rule with the replica....."

Amended Claims 1 and 6 more specifically point out the operations of setting and resetting of a first global variable and a second global variable during the change of a current intrusion detection rule. Marron and Huima do not teach or suggest these operations. Rather, Marron discloses the use of two transaction processing systems to coordinate dynamic changes to a computing system; one transaction processing system for processing old transactions and the other for processing new transactions (col. 3, lines 34-42). Marron does not disclose the operations of setting and resetting of a first global variable and a second global variable during the change of a current intrusion detection rule.

Huima does not supply the missing elements. Huima is relied on for disclosing the use of a set of global variables to indicate a change to an intrusion detection rule. Huima discloses the use of a new rule during code execution (paragraph 31). However, Huima does not disclose setting a first global variable when the replica of the current intrusion detection rule is changed into a new intrusion detection rule, setting a second global variable and resetting the first global variable after the replica is changed, and resetting the second global variable when exchanging the current intrusion detection rule with the replica. Thus, Marron in view of Huima does not

teach or suggest each of the elements of amended Claims 1 and 6, as well as their respective dependent claims, namely, Claims 2-4 and 5-9.

Accordingly, withdrawal of the §103 rejection of Claims 1-4 and 6-9 is respectfully requested.

B. Claims 5 and 10 are rejected under 35 U.S.C. §103(a) as being unpatentable over the combination of Marron and Huima, and further in view of Ph.D. thesis by Stoica entitled "Stainless Core: A Scalable Approach for Quality of Service in the Internet", Publication date: December 15, 2000 ("Stoica," previously cited).

Claims 5 and 10 depend from Claims 1 and 6, respectively, and incorporate the limitations thereof. Thus, for at least the reasons mentioned above, these claims are non-obvious over Marron and Huima.

Stoica does not supply the missing elements of Marron and Huima. Stoica does not disclose the operations of setting and resetting of a first global variable and a second global variable during the change of a current intrusion detection rule, as recited in independent Claims 1 and 6. Thus, for at least the foregoing reasons, Claims 5 and 10 are non-obvious over Marron and Huima in view of Stoica.

Accordingly, withdrawal of the §103 rejection of Claims 5 and 10 is respectfully requested.

## **CONCLUSION**

In view of the foregoing, it is believed that all claims are now in condition for allowance and such action is earnestly solicited at the earliest possible date. If there are any additional fees due in connection with the filing of this response, please charge those fees to our Deposit Account No. 02-2666.

Respectfully submitted,

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I hereby certify that this correspondence is being submitted electronically via EFS Web on the date shown below

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